



CITY OF AUSTIN

ATD Transportation Programs

Vision and Mission

- **Vision:** An integrated mobility network for all of Austin
 - provide safe, efficient and diverse choices for people to travel.
- **Mission:** Prioritize City transportation plans and investments according to key community values to meet the vision; support and inform the Imagine Austin Comprehensive Plan as well as other City planning efforts.



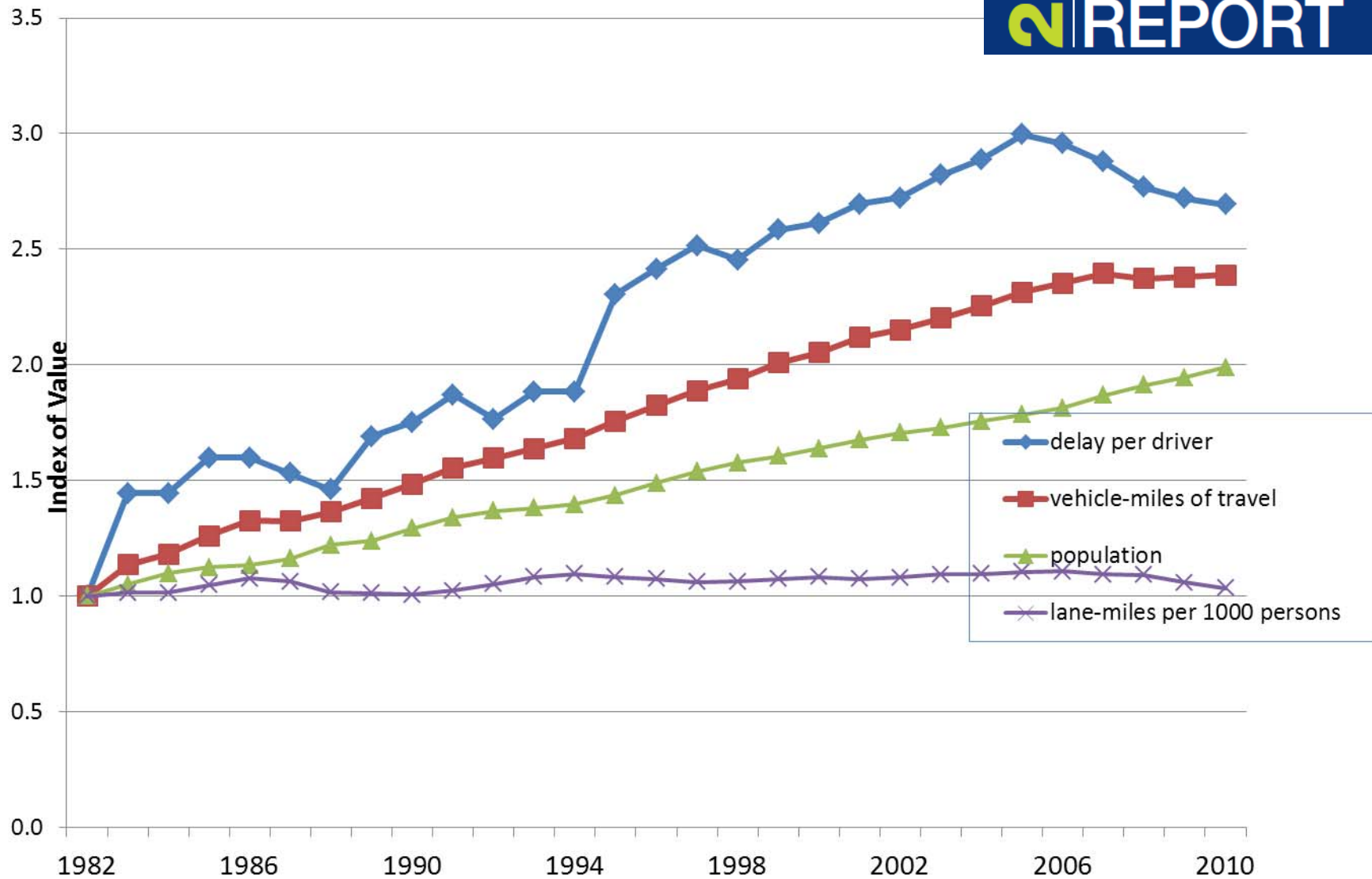
Congestion is a Top Citizen Concern

- 28% citizens satisfied with traffic flow on major city streets*
 - 10 points below national average
- 6 of Texas' top 100 congested corridors are in Austin**
 - **IH-35 - #4 in State, North Lamar, Loop 1, Loop 360, Hwy 290 West, South Lamar**

* Source: 2011 City of Austin Resident Survey

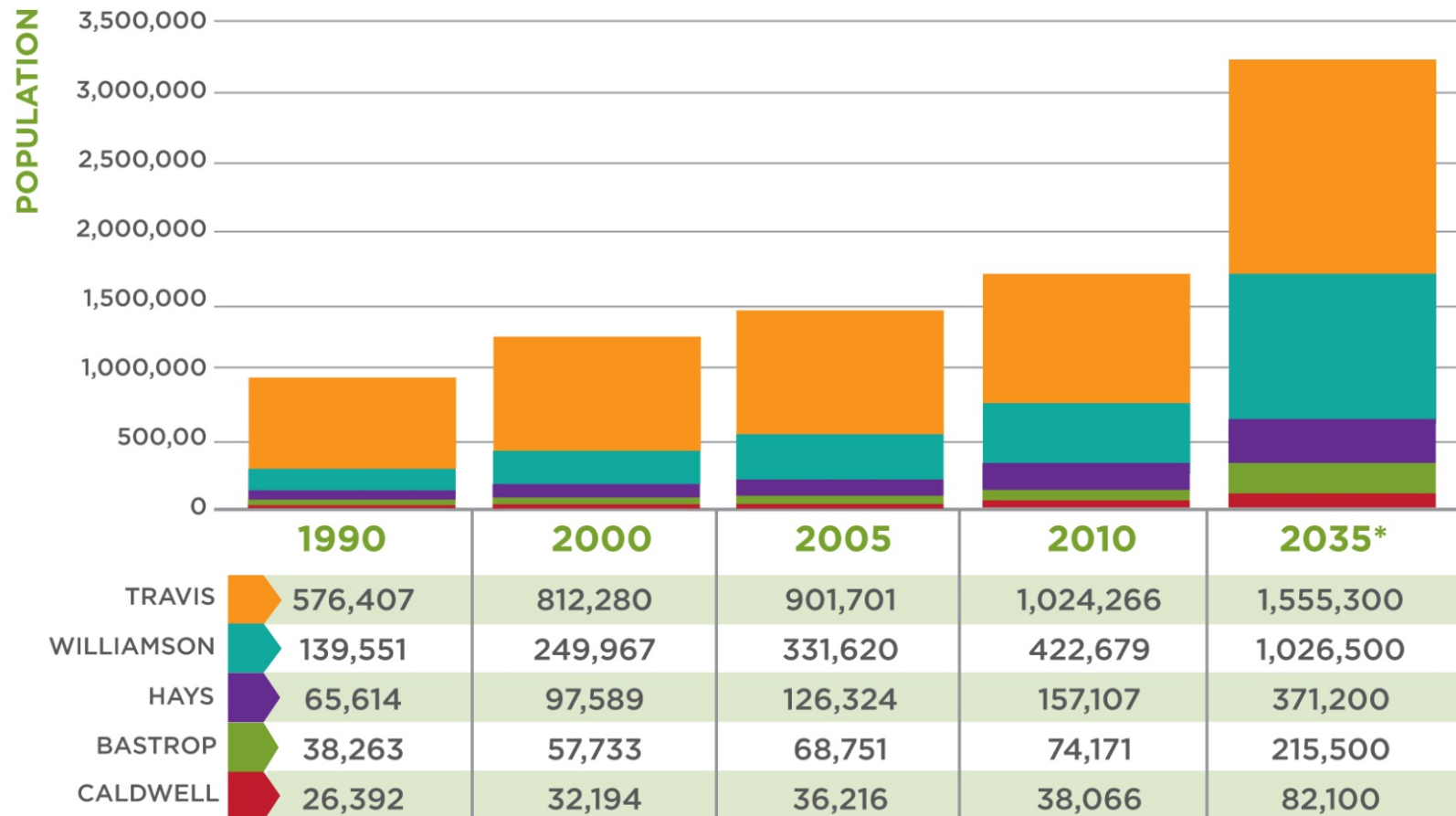
** Source: Texas Transportation Institute Urban Mobility Report, Sept. 2011

ATX Travel History



Source: Texas Transportation Institute Urban Mobility Report, Sept. 2011

Regional Population Growth Continues



Source: CAMPO 2035 Plan demographic projections

National Strategies to Address Congestion

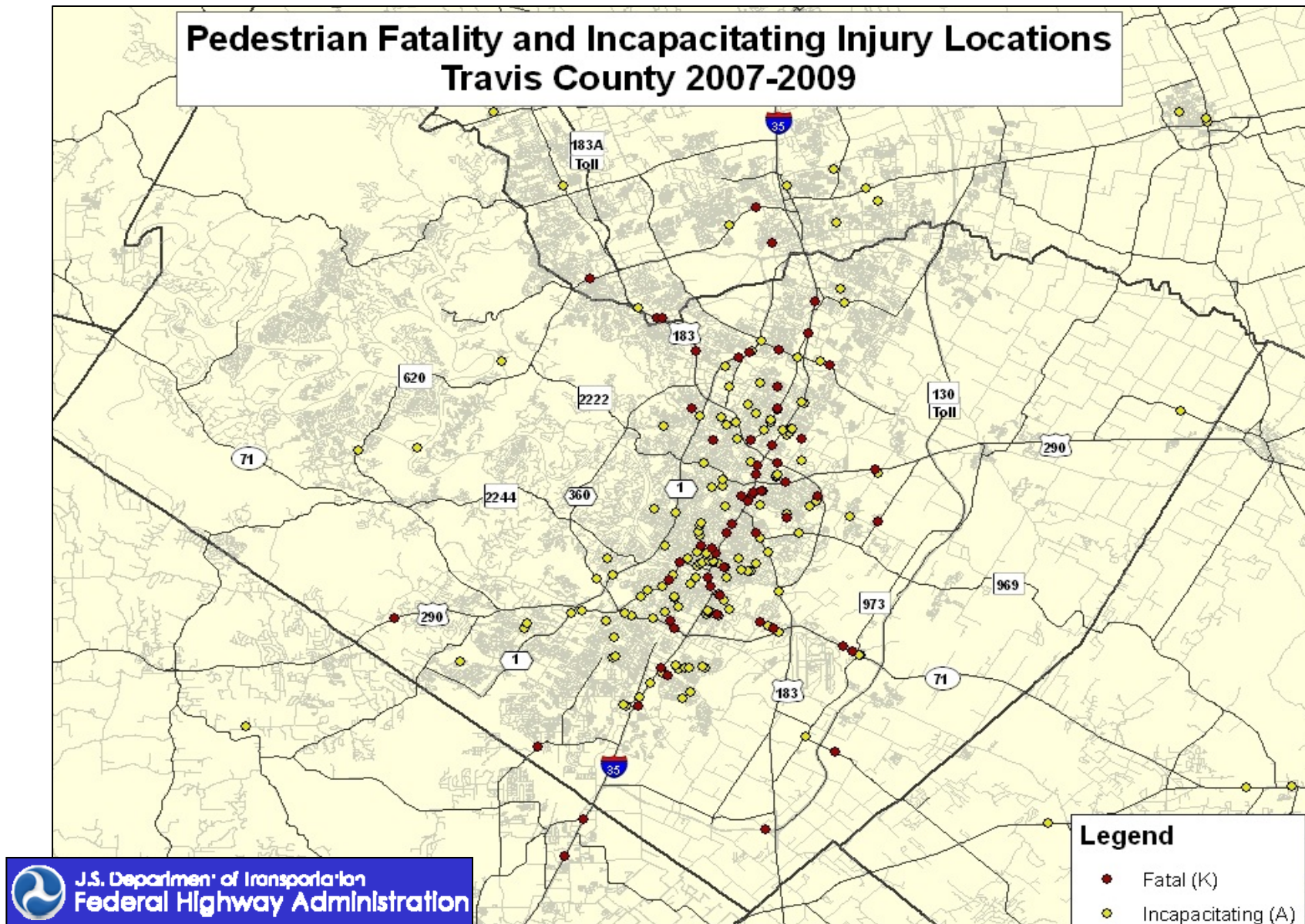


- All potential congestion-reducing strategies are needed
 - Get as much use as possible out of existing system
 - Add roadway and transit capacity in the most needed places
 - Change our travel behavior patterns
 - Provide more choices, such as alternate routes and toll lanes for faster and more reliable trips
 - Diversify land development patterns to make alternate modes more practical

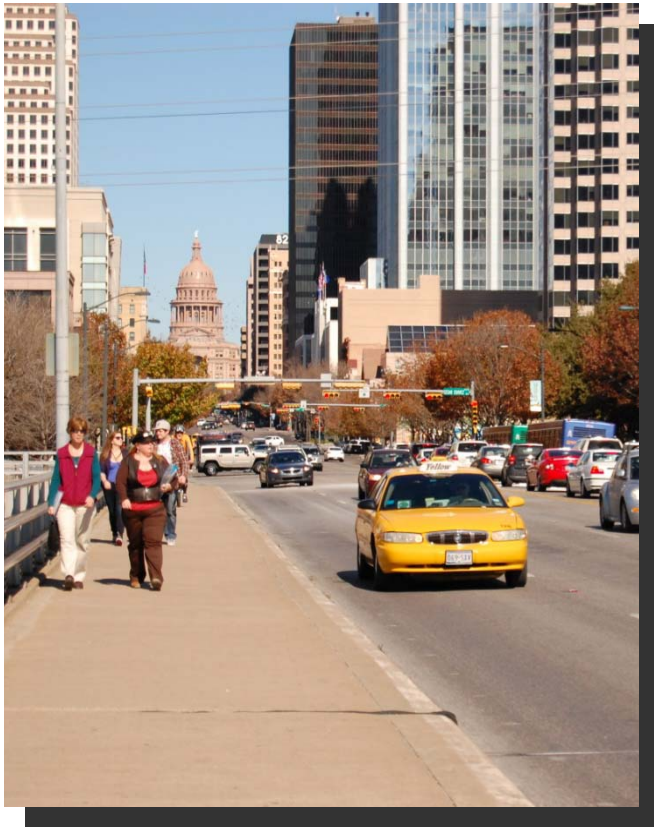


Source: Texas Transportation Institute Urban Mobility Report, Sept. 2011

Safety Issue: Pedestrian v. Auto



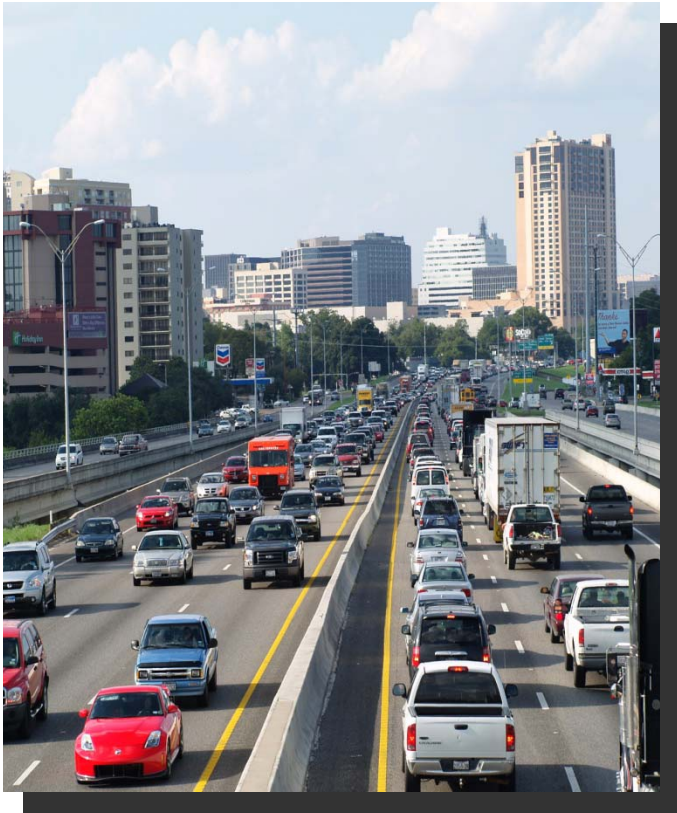
ATD Transportation Programs



- Implement 2010 Mobility Bond
 - **IH-35 Corridor Development Program**
 - **Arterial Corridor Development**
- Interagency Partnerships
 - **360, MoPac, & roads**
- Railroad Crossing Improvements
 - **At-grade, grade separation**
- Arterial Congestion & Crash Mitigation
 - **Safety, congestion, accessibility**
 - **Roundabouts, signals, intersection and roadway modifications**
- Local Area Traffic Management

IH-35 Corridor Development

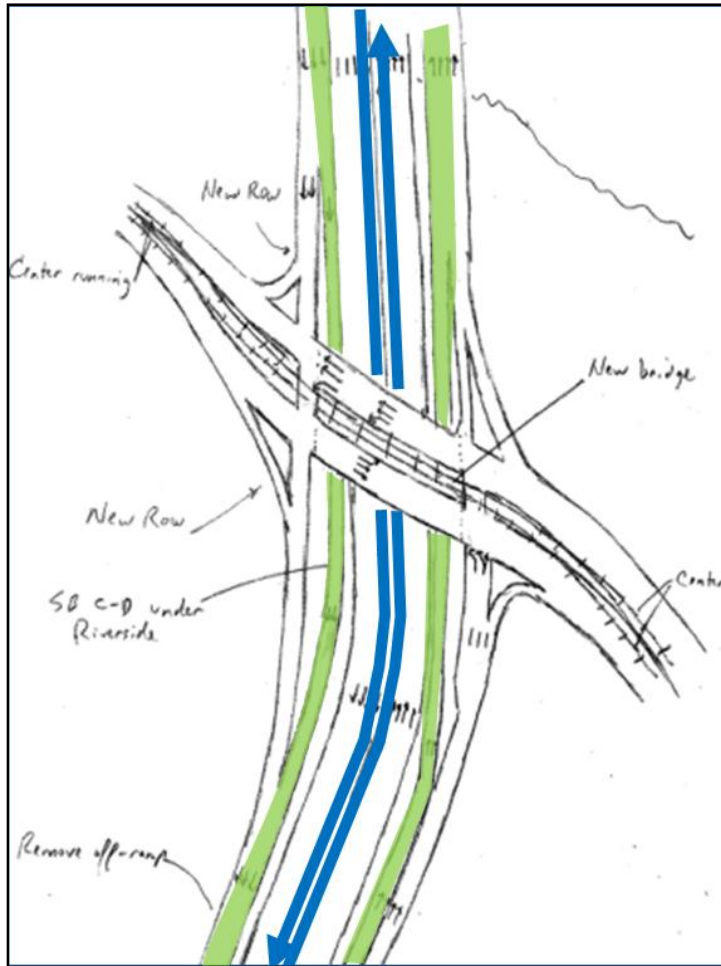
Identifies what can be done within the existing corridor



- Established by 2010 Mobility Bond to improve travel conditions
- Through stakeholder outreach, over 300 ideas have been recorded
- Partnerships w/ TxDOT, FHWA, other jurisdictions to design and implement projects

IH-35 Corridor Development

Identifies what can be done within the existing corridor



Candidate Projects from IH-35 Corridor Development Program

MoPac/Loop 360 Improvements

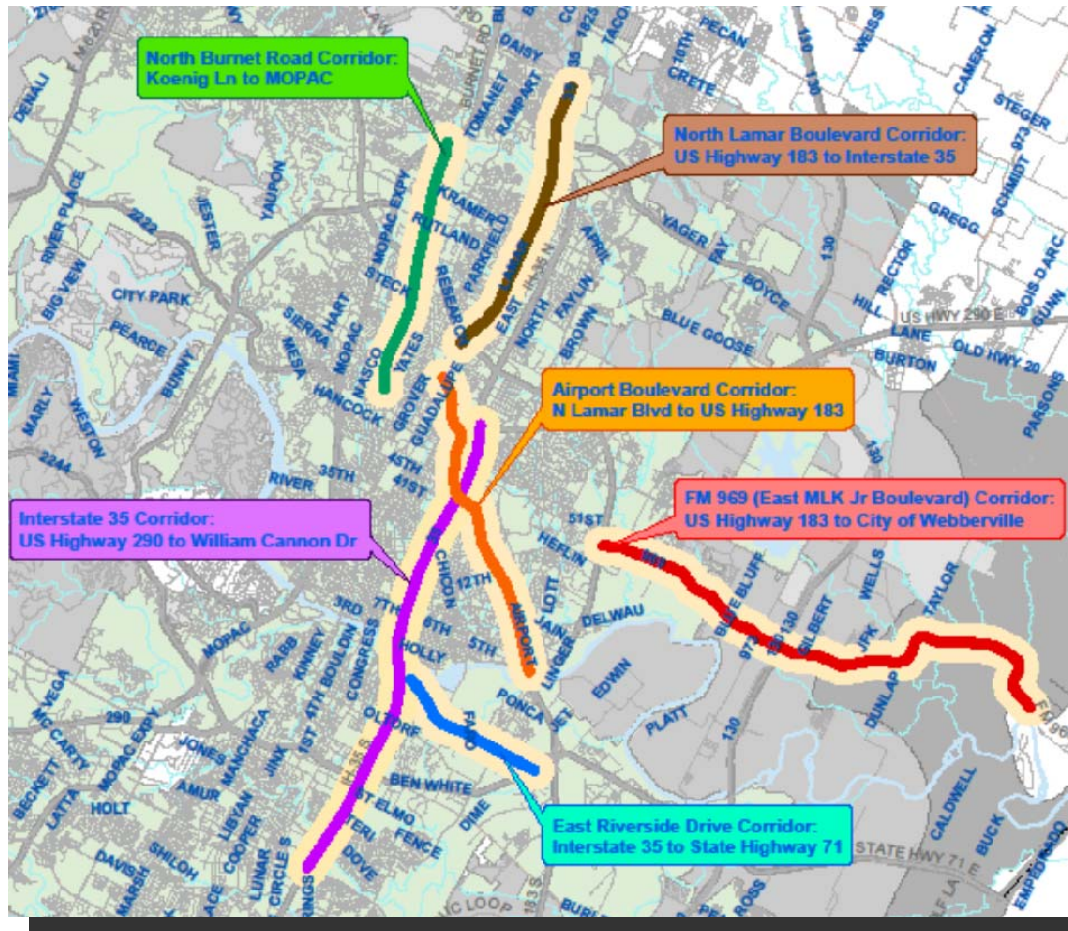


Photo: MoPac Boulevard

- **MoPac:** Partnership w/CTRMA & TxDOT to design, implement express lanes, improved bicycle & pedestrian facilities
- **Loop 360:** Partnership w/TxDOT to modify intersections, reduce congestion, improve safety, provide bicycle & pedestrian facilities

Corridor Development Programs

Established by 2010 Mobility Bond to identify projects to improve safety, mobility, and accessibility.



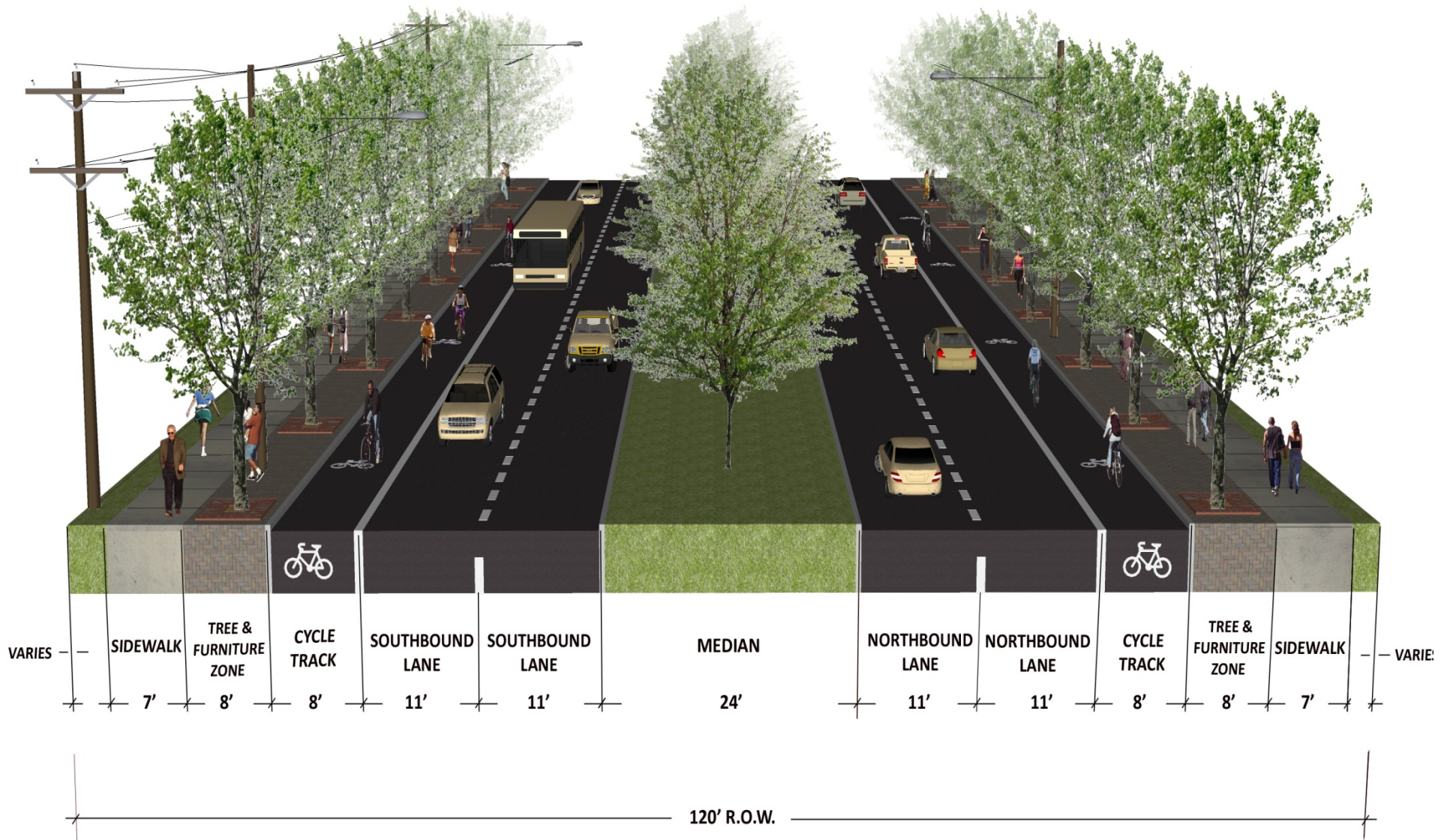
- Airport Blvd.
- Riverside Drive
- N. Lamar Blvd.
- Burnet Road
- FM 969

Corridor Development Programs

Design & Implement Recommended Improvements

- **Coordination** with Public Works, Watershed, Planning & Development Review, and other City departments
- **Next Step:** Design and implement improvements recommended by ongoing preliminary engineering efforts included in the 2010 Mobility Bond.
- www.austrategicmobility.com/corridors

CONCEPTUAL DESIGN FOR N. BURNET ROAD – KOENIG LANE TO ANDERSON LANE



COA-TxDOT Partnership

Design & Implement

- Roadway widening, extensions, and innovative intersections along TxDOT facilities, including:
 - Braker/Lamar & Mopac
 - Burnet Rd.
 - Congress/Slaughter & Stassney
 - Airport/Koenig
 - Metric/Parmer
- Intersection improvements
 - Additional turn lanes
 - Corners and islands
 - Sidewalks and curb ramps

COA-Travis County Partnership

Design & Implement

- Roadway widening, extensions partnered w/ Travis County to assist w/ total improvement needs
 - Parmer Ln.
 - Cameron Rd.
 - Pleasant Valley Rd.
 - Onion Creek Multi-Use Trail

Railroad Crossing Improvements

Design & Implement

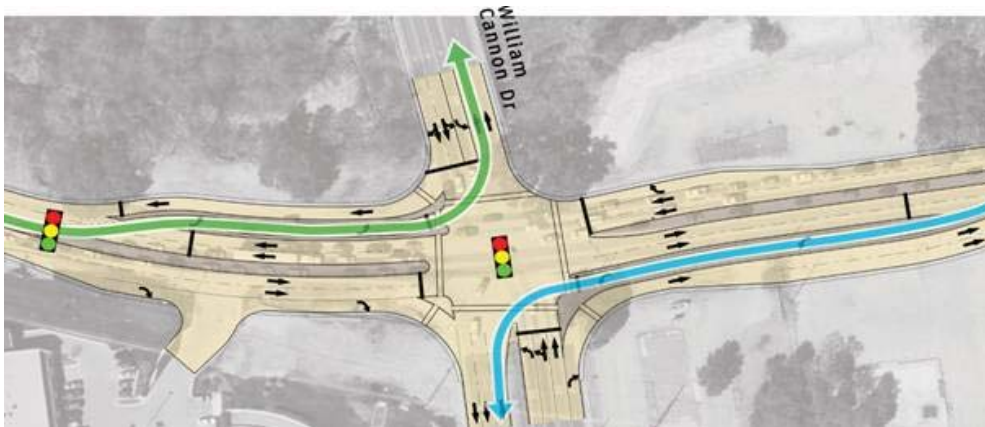
- At-grade railroad crossing safety improvement projects throughout City
 - FM 969, Loyola Lane/CapMetro Railroad
 - Neighborhood Streets & Railroads
 - Paul, Pressler & UPRR
- Grade-separation to improve safety and mobility
 - N. Lamar & CapMetro Red Line

Congestion, Crash Risk Mitigation

- Address top crash locations*, congested corridors
- Improve safety, efficiency for all roadway users

Major Components include:

- Intersection Improvements
- Modern Roundabouts
- Signal Improvements



*Identified by Austin Police Department

Congestion, Crash Risk Mitigation

Intersection Improvements:

Evaluate existing intersections to identify opportunities for improved efficiency and safety.

Improvements may include:

- Intersection reconfigurations
- Turn lanes
- Innovative designs



Example of intersection improvement



US 290 & Convict Hill Road

Congestion, Crash Risk Mitigation

Roundabouts:

Compared to traditional intersections, modern roundabouts reduce conflict points, slow traffic speed, improve pedestrian accessibility, and improve safety*



Concept @ 51st / IH-35 frontage

*Federal Highway Administration

Consideration and Implementation of Proven Safety Countermeasures, July 2008

Congestion, Crash Risk Mitigation

Signal Improvements:

925 signalized intersections citywide

- Traffic signals, bicycle detection, network coordination
- Pedestrian Hybrid Beacons
- Accessible Pedestrian Signals
- Wayfinding for Visually Impaired



Local Area Traffic Management

(Traffic Calming)

- Design, implement traffic calming devices throughout Austin neighborhoods by request
- Significant demand from citizens for devices to address speeding & safety concerns within neighborhoods.





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